

FIG. 1A

DETERMINE A FIRST PROTOCOL USED ON
A FIRST COMMUNICATION PATHWAY.

2100

DETERMINE A SECOND PROTOCOL USED ON
A SECOND COMMUNICATION PATHWAY.

2103

CONFIGURE A FIRST INTERFACE DEVICE
TO ACCEPT SIGNALS FROM AND SEND
SIGNALS TO THE FIRST COMMUNICATION
PATHWAY.

2106

CONFIGURE A SECOND INTERFACE DEVICE
TO ACCEPT SIGNALS FROM AND SEND
SIGNALS TO THE SECOND COMMUNICATION
PATHWAY.

2109

TRANSMIT A FIRST SIGNAL ALONG THE FIRST
COMMUNICATION PATHWAY TO THE FIRST
INTERFACE DEVICE.

2112

SEND A SECOND SIGNAL FROM THE FIRST
INTERFACE DEVICE TO THE DATA
STRUCTURE, THE SECOND SIGNAL
CORRESPONDING TO THE FIRST SIGNAL.

2115

To FIG. 1B

FIG. 1B

From FIG. 1A

CHANGE THE DATA STRUCTURE ACCORDING
TO THE SECOND SIGNAL.

118

SEND A THIRD SIGNAL FROM THE DATA
STRUCTURE TO THE SECOND INTERFACE
DEVICE, THE THIRD SIGNAL CORRESPONDING
TO THE CHANGED DATA STRUCTURE.

121

TRANSMIT A FOURTH SIGNAL FROM THE
SECOND INTERFACE DEVICE TO THE
SECOND COMMUNICATION PATHWAY, THE FOURTH
SIGNAL CORRESPONDING TO THE THIRD SIGNAL.

124

FIG. 1B

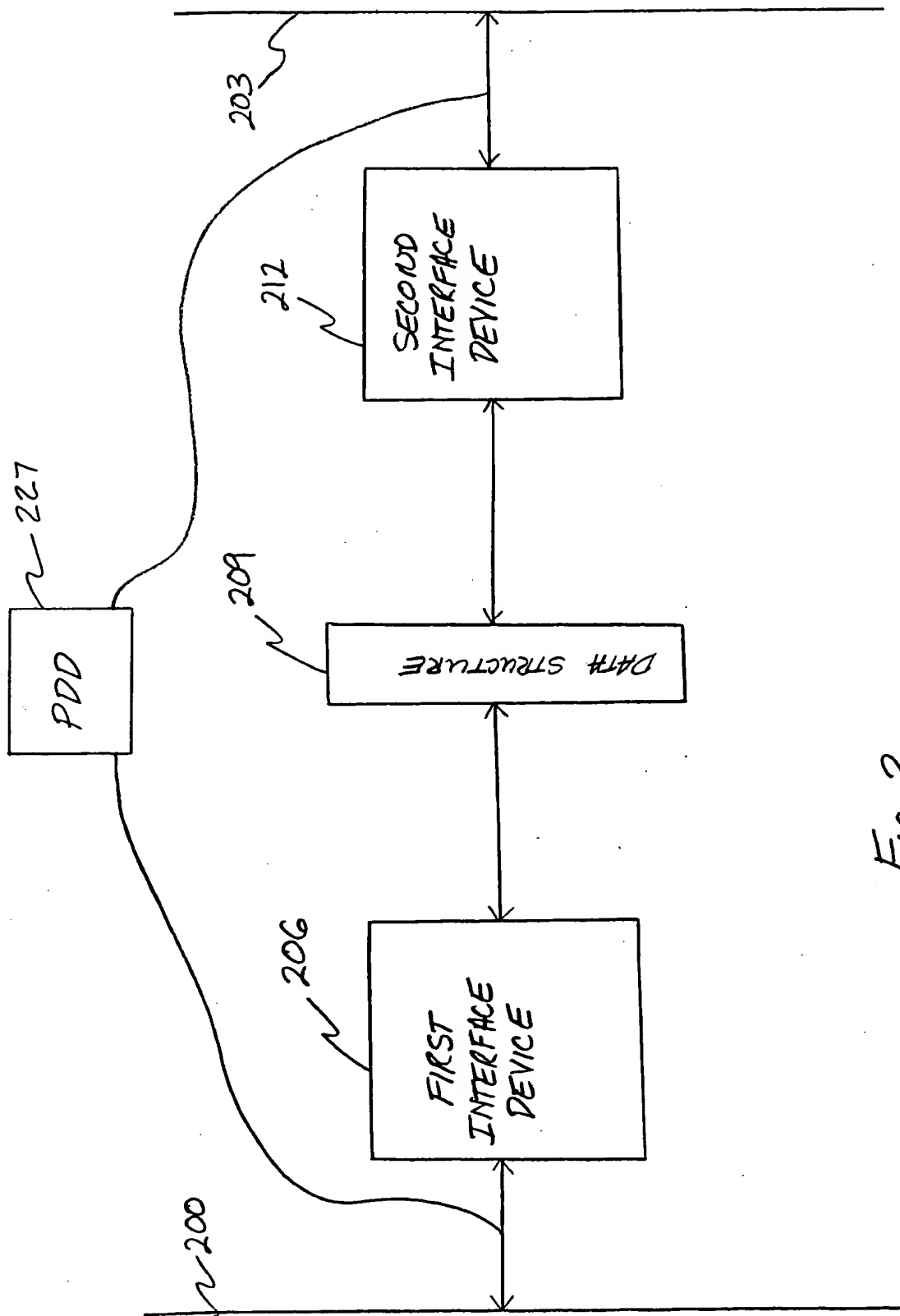


FIG. 2

COMMUNICATION
PATHWAY
(200 OR 203)

215

218

221

224

A/D
CONVERTER

S/R
DEVICE

APPLICATION
INTERFACE

DATA STRUCTURE

FIG. 3

